



## POWER OF ATTORNEY FROM ASSIGNEE

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TC 2800 MAIL ROOM

Broadcom Corporation, a corporation of California, having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-3616, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 1) 12/20/01, 2) 12/20/01, 3) 12/20/01 and 4) 12/20/01 of an invention known as A Thick Oxide P-Gate NMOS Capacitor for Use in a Phase-Locked Loop Circuit and Method of Making Same Attorney Docket No. 1875.1350000, which is disclosed and claimed in a patent application of the same title by the inventor(s) 1) Derek Tam, 2) Jasmine Cheng, 3) Jungwoo Song and 4) Takayuki Hayashi (said application filed herewith at the U.S. Patent and Trademark Office, having Application Number to be assigned).

App'd 5/24/02  
S/24/02

The Assignee hereby appoint the U.S. attorneys James D. Bennett, Registration No. 37,550, and David J. Rosmann, Registration No. 43,059, and the attorneys associated with CUSTOMER NUMBER 28393 to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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FOR: Broadcom Corporation  
SIGNATURE: William J. Ruehle  
BY: William J. Ruehle  
TITLE: Vice President and Chief Financial Officer  
DATE: December 28, 2001



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Applicant/Patent Owner: Derek Tam, Jasmine Cheng, Jungwoo Song and Takayuki Hayashi

Application No./Patent No.: To be assigned

Filed/Issue Date: Herewith

Entitled: A Thick Oxide P-Gate NMOS Capacitor for Use in a Phase-Locked Loop Circuit and Method of Making Same

Broadcom Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest, or
2.  an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A.  An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: December 28, 2001

Name: William J. Ruehle  
Vice President and Chief Financial Officer

Title: \_\_\_\_\_

Signature: William J. Ruehle